

IBM WebConnections InterJet Pre-installation Checklist

Welcome to IBM's Small Business WebConnections service. You are about to receive an InterJet to install on your Local Area Network. The InterJet is the hardware/software that will connect your LAN to the Internet. Once connected to your LAN, the InterJet can assign TCP/IP addresses and other crucial routing information to each computer on your LAN. It can also serve as your email server, local Intranet web/file server, firewall, secure remote access server, and can also store your public web pages so that they can be moved to IBM's high-speed web servers if IBM is hosting your public web site.

For proper operation you will need to do the following:

1. Install the InterJet on your LAN
2. Connect the InterJet to the Internet through one of its WAN ports (56k, ISDN, Synchronous T1) or the 2nd LAN port / Perimeter Network (for DSL)
3. Run an auto-configuration process allowing the InterJet to obtain its configuration information from IBM's Command Center
4. Configure accounts for users on your LAN using a web browser (Netscape 4.5 / Internet Explorer 5.x or higher)
5. Configure each computer on your LAN for InterJet access

These steps are fairly easy to accomplish if your site is properly prepared and you have all the necessary information gathered in one place. The following questions are designed to help ensure the smoothest installation possible. After answering all the questions, and gathering the rest of the documentation available about your LAN and WAN services, you might want to create a complete documentation package to make it easy to support your new network!

LAN / Room / Computer Readiness Questions

Why It Matters: You need to connect your InterJet to power and to an Ethernet LAN in order to provide WebConnections services to the computers in your office. These questions will help verify that you are ready for the InterJet to be installed on your LAN.

Do you have a power outlet available where you will install the InterJet?	Yes	No
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Do you have an existing Ethernet LAN? **Yes** **No**

Is it 10/100 or 1000BASE-T?	10BASE-T	100BASE-T
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Do you have an Ethernet port available on your hub/switch for the InterJet?		Yes	No

Is there LAN cabling run to the place where you intend to install the InterJet?	Yes	No
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What types of client PCs do you have on your LAN and how many of each do you have?

Macintosh	_____
WinTel	_____
Unix	_____
Other	_____

Do you have operating system installation software available in case any of these computers require network software installation?	Yes	No

	Yes	No
Do you have documentation available for each of the operating systems in use at your location in case network settings have to be configured?		

SERVER Questions

Why It Matters: The InterJet provides a variety of services to the computers on your LAN. If there are other servers on your LAN, it is possible that they too are configured to provide these same services. If that is the case, the InterJet and other servers may cause conflicts on your network. These questions will help determine what servers you have, what services they currently provide, and ways in which to plan for having both the InterJet and other servers supporting the same network.

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|---|---|-----------|
| 1. Do you have any other servers on your LAN? | Yes | No |
| 2. What types of servers do you have? | NT/2000 _____
Netware _____
Linux _____
Unix _____ | |
| 3. Who installed / manages these servers? | Name(s): _____ | |
| 4. Do you have administrator privileges on your other server(s)? | Yes | No |
| 5. Do any of these servers run a DHCP server (automatically providing IP addresses and other related information to clients booting up on the LAN)? | Yes | No |
| 6. If you have another DHCP server, do you want to disable the InterJet's DHCP capabilities? (If no, you must disable your other DHCP server.) | Yes | No |
| 7. Do you have an existing email server? | Yes | No |
| 8. If so, do you want to disable the InterJet's email capabilities? | Yes | No |
| 9. If not, describe the flow of email from LAN client to Internet and from Internet to LAN client (what role do you expect the InterJet to play)? | Describe: _____ | |
| 10. Who currently assigns user IDs, passwords, and access privileges to users on your servers? | Name: _____ | |
| 11. Can the same user IDs and passwords be used on the InterJet as are used on your other servers/shares? | Yes | No |

Windows Network Questions

Why It Matters: In Microsoft Windows networks, computers are grouped into entities called "Workgroups." The InterJet will become a member of your workgroup when it is installed on your LAN. Proper configuration of the InterJet will allow it to be a fully functioning member of your Windows LAN workgroup.

1. Are you using Windows networking now? **Yes** **No**
2. If so, what is/are your workgroup name(s)? **Names:**
3. What version(s) of Windows do you have on your LAN today?

Windows 3.x	_____
Windows 95	_____
Windows 98	_____
Windows NT	_____
Windows 2000	_____
Windows ME	_____

TCP/IP Questions

Why It Matters: The InterJet is a TCP/IP router and server. In order for it to operate properly, it must be assigned appropriate an TCP/IP address, subnet mask, default gateway, and DNS information. The InterJet can also provide IP information to the PCs on your network using DHCP. These questions help to determine the appropriate settings for the InterJet and the computers on your network.

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|--|--|-----------|
| 1. Do you know if TCP/IP is enabled on your LAN? | Yes | No |
| 2. Is there someone available within your organization who can verify TCP/IP information on your various computer platforms? | Yes | No |
| 3. What TCP/IP addresses are current in use and how are they assigned? | Address Range: _____

Subnet Mask: _____

Assigned Manually _____

Assigned Via DHCP _____ | |
| 4. Will the InterJet automatically assigning IP addresses interfere with any other IP services or any clients/servers on your LAN? (This may be the case if you have a VPN server, DHCP server, BOOTP server, Cisco Router running BOOTP helper, etc.) | Yes | No |
| | If yes, describe: _____ | |
| 5. Are there any other routers on your LAN (or Layer 3 switches connecting to other subnets)? | Yes | No |
| 6. If yes, describe how routing tables need to be configured on the InterJet to reach other subnets? | Describe: _____ | |
| 7. Do you have Netscape 4.5 or Internet Explorer 5.x installed on one of your PCs which is attached to the Ethernet and is running TCP/IP? | Yes | No |

WAN Connection Questions

Why It Matters: The InterJet connects to the Internet through one of its WAN ports (56k, ISDN, or Synchronous T1) or through its secondary LAN port, also known as the Perimeter Network (typically used for DSL connections). There are many configuration variables associated with the WAN connection that must be correctly applied to the InterJet in order to attain the highest-performance connection. Many of the variables involve long strings of numbers and a single digit incorrectly entered can cause network failure. These questions will help you gather all the critical information you need so that it can be properly configured on the InterJet.

1. What type of WAN connection will you be using for the InterJet? (56k, ISDN, DSL, Frame Relay, or T1)

Describe:

2. Who is providing the bandwidth/connection? (If not IBM, what is the name of the service provider?)

IBM

Other (Name):

3. If you have T1 or Frame Relay, what brand and model of DSU/CSU or FRAD are you using?

Name & Model:

4. What is the phone number for your WAN service provider's technical support (if not IBM)? Also, what is your customer ID (account information)?

Phone:

Account Info:

5. Has the WAN service been installed yet?

Yes

No

6. If yes, have the installer shown you positive results of error tests or line conditions (BERT)?

Yes

No

7. Do you have documentation for your WAN service available (including phone numbers for 56k, ISDN or DSL, SPIDs and Switch Types for ISDN, T1 parameters for T1, and DLCI information for Frame Relay)?

Yes

No

If no, you need to acquire this information for support from IBM.

Domain Name & Web Server Information

Why It Matters: As part of the WebConnections service, IBM will register or move your company's domain name. Access to your web site and email services depend on the entire Internet being able to reach your domain. These questions will assist us in ensuring the proper registration or movement of your domain.

1. Do you have a domain name and web site already?

Domain Name

2. If so, where are they currently hosted?

Current provider name, address, phone number

3. If you have a web site already, who will be responsible for copying all files from that web site to a local system so that it can then be moved to the new IBM server location?

Name of Webmaster

4. If you have a current web site, does it utilize any special features IBM should be aware of, for example, CGI scripts, PHP, Java, etc.?

Describe:

5. Is IBM registering a new domain name for you?

New Domain Name